WHAT IS CLAIMED IS:

1. Tuner apparatus comprising:

a mixer circuit for frequency-converting terrestrial TV broadcast or CATV broadcast wave signals supplied from a terrestrial TV broadcasting or CATV broadcasting receiver into those to fall within the bandwidth of intermediate-frequency signals of satellite TV broadcasting supplied from a satellite TV broadcasting receiver and outputting first intermediate-frequency signals;

a quadrature detector circuit to which said satellite TV broadcasting intermediate-frequency signals and said first intermediate-frequency signals are inputted; and

an oscillator circuit for supplying oscillation
signals to said quadrature detector circuit;

wherein when the tuner receives satellite TV broadcasting, said oscillator circuit supplies oscillation signals in a predetermined frequency band and of a predetermined phase to said quadrature detector circuit where said satellite TV broadcasting intermediate-frequency signals supplied thereto are demodulated into baseband signals by using said oscillation signals; and

wherein when the tuner receives terrestrial TV broadcasting or CATV broadcasting, said oscillator circuit supplies oscillation signals in a predetermined frequency band

to said quadrature detector circuit where said first intermediate-frequency signals supplied thereto are frequency-converted into second intermediate-frequency signals by using said oscillation signals.

- 2. The tuner apparatus according to claim 1, further including a first intermediate-frequency amplifier disposed between said satellite TV broadcasting receiver and said quadrature detector circuit.
- 3. The tuner apparatus according to claim 1, wherein when the tuner receives said satellite TV broadcasting, said intermediate-frequency signals obtained by receiving the satellite TV broadcasting are supplied through said mixer circuit to said quadrature detector circuit and said mixer circuit operates as said first intermediate-frequency amplifier.
 - 4. A tuner apparatus comprising:
- a satellite TV broadcasting receiver for receiving satellite TV broadcast wave signals and outputting satellite TV broadcasting intermediate-frequency signals;
- a terrestrial TV broadcasting or CATV broadcasting receiver for receiving terrestrial TV broadcast or CATV broadcast wave signals.
- a mixer circuit for frequency-converting said terrestrial TV broadcast or CATV broadcast wave signals into

those to fall within the bandwidth of said satellite TV broadcasting intermediate-frequency signals by using first oscillation signals in a predetermined frequency band and outputting first intermediate-frequency signals.

a quadrature detector circuit to which said satellite TV broadcasting intermediate-frequency signals and said first intermediate-frequency signals are inputted;

a first oscillator circuit for supplying said first oscillation signals to said mixer circuit; and

a second oscillator circuit for supplying second oscillation signals to said quadrature detector circuit;

wherein when the tuner receives satellite TV broadcasting, said second oscillator circuit supplies said second oscillation signals in a predetermined frequency band and of a predetermined phase to said quadrature detector circuit where said satellite TV broadcasting intermediate-frequency signals supplied thereto are demodulated into baseband signals by using said second oscillation signals; and

wherein when the tuner receives terrestrial TV broadcasting or CATV broadcasting, said second oscillator circuit supplies said second oscillation signals in a predetermined frequency band to said quadrature detector circuit where said first intermediate-frequency signals

supplied thereto are frequency-converted into second intermediate-frequency signals by using said second oscillation signals.

- 5. The tuner apparatus according to claim 4, further including a first intermediate-frequency amplifier disposed between said satellite TV broadcasting receiver and said quadrature detector circuit.
- 6. The tuner apparatus according to claim 4, further including a first intermediate-frequency filter disposed between said satellite TV broadcasting receiver and said quadrature detector circuit or said mixer circuit and said quadrature detector circuit.
- 7. The tuner apparatus according to claim 4, further including an input bandpass filter disposed behind said satellite TV broadcasting receiver or said CATV broadcasting receiver.
- 8. The tuner apparatus according to claim 4, wherein when the tuner receives said satellite TV broadcasting, said intermediate-frequency signals obtained by receiving the satellite TV broadcasting are supplied through said mixer circuit to said quadrature detector circuit and said mixer circuit operates as said first intermediate-frequency amplifier.